



PATENT  
Customer No. 22,852  
Attorney Docket No. 09131.0018

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
James W. Waite et al. ) Group Art Unit: 2862  
)  
Application No.: 10/622,376 ) Examiner: Unknown  
)  
Filed: July 18, 2003 )  
)  
For: METHOD AND APPARATUS FOR )  
DIGITAL DETECTION OF )  
ELECTROMAGNETIC SIGNAL )  
STRENGTH AND SIGNAL )  
DIRECTION IN METALLIC PIPES )  
AND CABLES )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

**SUBMISSION OF REPLACEMENT DRAWINGS**

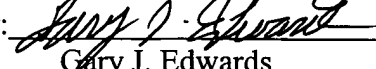
Subject to the approval of the Examiner, please replace the drawings in the above-identified application with the 11 sheets filed herewith (Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10A, 10B, 11A, and 11B). If the replacement drawings for any reason are not in full compliance with the pertinent statutes and regulations, please so advise the undersigned.

If any fees are necessary for the submission of these formal drawings, please charge Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: December 5, 2003

By:   
Gary J. Edwards  
Reg. No. 41,008